


08/24/01

405	184.3	Subclp
ISSUE CLASSIFI		

PATENT NUMBER

6524031



6524831

U.S. **UTILITY** Patent Application

MR <u>LM</u> O.I.P.E. <u>21</u> SCANNED <u>3</u> O.A. <u>CM</u>	PATENT DATE FEB 25 2003
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APPLICATION NO. 09/939084	CONT/PRIOR D	CLASS 405	SUBCLASS 100.3	ART UNIT 3673 2.1	EXAMINER J. L. ...
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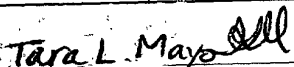

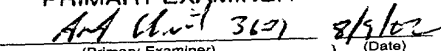

ANTS Robert Carter
Robert Carter

Device and method for trenchless replacement of underground pipes

PTO-2040
12/99

ISSUING CLASSIFICATION											
ORIGINAL				CROSS REFERENCE(S)							
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
405		184.3		175	53						
INTERNATIONAL CLASSIFICATION											
E	02	F	5/10								
E	03	F	3/06								

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. 18	Figs. Drwg. 33	Print Fig. 1	Total Claims 24	Print Claim for O.G. 1
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	 Tara L. Mayo (Assistant Examiner)			NOTICE OF ALLOWANCE MAILED 8-9-02	
	 ROBERT E. PEZZUTO PRIMARY EXAMINER Art Unit 3601 (Primary Examiner)			ISSUE FEE JLG	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	 Art Unit 3601 (Date)			Amount Due \$ 640	Date Paid 11-13-02
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	 (Legal Instruments Examiner)			ISSUE BATCH NUMBER	

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BIBDATASHEET

CONFIRMATION NO. 7186

Bib Data Sheet

SERIAL NUMBER 09/939,084	FILING DATE 08/24/2001 RULE	CLASS 405	GROUP ART UNIT 3671	ATTORNEY DOCKET NO. 16279-14C1
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APPLICANTS

Robert Ward Carter, San Francisco, CA;

Robert Williams Carter, Oakland, CA;

** CONTINUING DATA ***** *all*THIS APPLICATION IS A CON OF 09/350,948 07/09/1999 PAT 6,305,880
WHICH IS A CIP OF PCT/US98/00266 01/09/1998
WHICH CLAIMS BENEFIT OF 60/035,174 01/09/1997** FOREIGN APPLICATIONS ***** *None - all*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **

** 09/18/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance <i>[Signature]</i> Examiner's Signature Initials	STATE OR COUNTRY CA	SHEETS DRAWING 18	TOTAL CLAIMS 49	INDEPENDENT CLAIMS 10
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ADDRESS

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CAMPBELL, CA

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TITLE

Device and method for trenchless replacement of underground pipe

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Date Received
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Date Mailed

Application <u>Prints</u> papers.	42.	
Fr. Re: <u>corr. p.a.</u> 09-19-01	43.	
<u>1-24-02</u>	44.	
Response to Missing Pts. ltr. 1-7-08	45.	
IDS 8-24-01	46.	
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Re-amdt A 8-24-01	48.	
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